

Express Mail Label No. EV 346724848 US; mailed July 24, 2003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re New Patent Application:

Of: Steven Y. Ng and Jorge Heller

For: Block copolymers based on poly(ortho esters) containing amine groups

Box PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Applicant directs the attention of the Office to the documents listed on the attached Form PTO-1449 substitute, that may be relevant to the examination of this application.

This application is a divisional of Application No. 10/295,766, filed November 14, 2002, which is in turn a continuation-in-part of Application No. 09/991,537, filed November 16, 2001 (now Patent No. 6,524,606, issued February 25, 2003), both of which are relied upon for an earlier filing date under 35 USC 120. The documents listed were cited in the prosecution of the prior applications. Accordingly, copies of the documents are not supplied. 37 CFR 1.98(d).

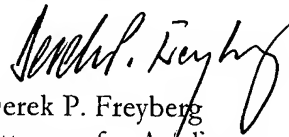
Enclosed in the second IDS for Application No. 10/295,766 was a copy of an International Search Report issued on the corresponding International Application No. PCT/US02/36775 (now published as WO 03/044076). The International Application claims the priority of US Application No. 09/991,537, filed November 16, 2001 (now US Patent No. 6,524,606, issued February 25, 2003), of which Application No. 10/295,766 is a continuation-in-part; and contains claims to the poly(ortho esters) themselves, which issued in US Patent No. 6,524,606, and to block copolymers based on those poly(ortho esters), which are found in this application.

International Publication No. WO 99/62983 was cited in that ISR but not enclosed in an IDS — it was enclosed as its US patent family member, US Patent No. 5,939,453 [patent family members are taken from the list in the ISR].

International Publication No. WO 97/25366 was cited in that ISR but not enclosed in an IDS — it was enclosed as its US patent family member, US Patent No. 5,968,543.

The Examiner is requested to initial and return a copy of the form with the next communication on this application.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Derek P. Freyberg", written over the printed name.

Derek P. Freyberg  
Attorney for Applicants  
Reg. No. 29,250

Heller Ehrman White & McAuliffe LLP  
275 Middlefield Road  
Menlo Park CA 94025-3506  
(650) 324-7014  
July 24, 2003

SV 447072 v1  
7/23/03 5:42 PM (10008.1195)

<b>INFORMATION DISCLOSURE STATEMENT</b> (37 CFR 1.56, 1.97, and 1.98)  SHEET 1 OF 1	ATTORNEY DOCKET 10008-1195D1	APPLICATION NO.
	APPLICANT(S)  Steven Y. Ng et al.	
	FILING DATE	GROUP

### U.S. PATENT DOCUMENTS

† EX'R INITIAL	* REF. #	PATENT NUMBER	DATE (MO/YR)	NAME	CLASS/ SUBCLASS	FILING DATE (If appropriate)
	1*	4,079,038	03/1978	Choi et al.	260/47XA	
	2*	4,093,709	06/1978	Choi et al.	424/19	
	3*	4,131,648	12/1978	Choi et al.	424/22	
	4*	4,138,344	02/1979	Choi et al.	252/1	
	5*	4,180,646	12/1979	Choi et al.	528/153	
	6*	4,304,767	12/1981	Heller et al.	424/78	
	7*	4,532,335	07/1985	Helwing	549/335	
	8*	4,764,364	08/1988	Heller et al.	424/78	
	9*	4,855,132	08/1989	Heller et al.	424/78	
	10*	4,946,931	08/1990	Heller et al.	528/230	
	11*	4,957,998	09/1990	Heller et al.	528/220	
	12*	5,518,730	05/1996	Fuisz	424/426	
	13*	5,620,697	04/1997	Törmälä et al.	424/426	
	14*	5,939,453	08/1999	Heller et al.	260/47XA	
	15*	5,968,543	10/1999	Heller et al.	424/425	
	16*	2002/0037300 A1	3/2002	Ng et al.		05/11/2001

### FOREIGN PATENT DOCUMENTS

† EX'R INITIAL	* REF. #	COUNTRY	PATENT NUMBER	DATE (MO/YR)	APPLICANT	TRANSLATION
	17*	WO	99/62983	12/1999	Advanced Polymer Systems, Inc.	Equiv. to #14
	18*	WO	97/25366	07/1997	Advanced Polymer Systems, Inc.	Equiv. to #15

### OTHER DOCUMENTS

† EX'R INITIAL	* REF. #	CITATION (Author, Article Title, Journal/Book Title, Date, Pertinent Pages, etc.)
	19*	Heller et al., "Preparation of Polyacetals by the Reaction of Divinyl Ethers and Polyols", <i>J. Polymer Sci., Polymer Letters Ed.</i> , <b>18</b> , 293-297 (1980)
	20*	Beyerstedt et al., "The Preparation And Properties of Ketene Diethylacetal", <i>J. Amer. Chem. Soc.</i> , <b>58</b> , 529-553 (1936)
	21*	Roberts et al., "The Role of Neighboring Groups in Replacement Reactions ...", <i>J. Amer. Chem. Soc.</i> , <b>80</b> , 1247-1254 (1958)
	22*	Corey et al., "Selective Cleavage of Allyl Ethers under Mild Conditions by Transition Metal Regents", <i>J. Org. Chem.</i> , <b>38</b> (18), 3224 (1973)

EXAMINER'S SIGNATURE	DATE CONSIDERED
----------------------	-----------------

† EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Line through citation if not in conformance and not considered.  
 Include copy of this form in next communication to applicant.

\* If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. 1.98(d).